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	- 3	/		U.S	S. PATENT DOCUMENTS					
INITIAL	DOC	UMENT NUMBER	DAT		NAME	CLASS	SUBCLASS	FILING DA		
GE	AA	5,938,694	08/17/	99	Jaraczewski et al.	607	607 122		02/21/96	
GE	ΑВ	5,680,860	10/28/	97 .	lmran, Mir A.	600 374		10/31/95		
GE	AC	5,433,198	07/18/	95	Desai, Jawahar M.	600 374		03/11/93		
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.	DO	CUMENT NUMBER	DA		COUNTRY	CLASS	SUBCLASS	Transla YES	tion NO	
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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Aftorney Docket No. CWR 2 0247

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Subst. F	rm PI	O-1449	Atty. Docke	t Na: CWR 2 0247	Serial No.: 09/463,427			
APPLICANT'S ON BEAUTION DISCLOSURE STATEMENT			Applicant(s): Yoram Rudy					
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		PADEMARKS.	U.S. PA	TENT DOCUMENTS				
Initial*		Document No.	Date	Name	Class	Subcl.	Filing Date	
_^	AA	5,568,809	29 Oct 1996	Ben-haim			12 Jul 1995	
15	AB	5,553,611	10 Sep 1996	Budd et al.			20 Jan 1995	
	AC	5,487,391	30 Jan 1996	Panescu		·	28 Jan 1994	
	AD	5,433,198	18 Jul 1995	Desai		·	11 Mar 1993	
1	AE	5,297,549	29 Mar 1994	Beatty et al.	•		23 Sep 1992	
)	AF	4,649,924	17 Mar 1987	Taccardi		<u> </u>	08 Jul 1985	
	, ,	·	FOREIGN	PATENT DOCUMENTS	· .		·	
		Document No.	Date	Country	Class	Subcl.	Translation?	
	AG							
		·		OTHER ART			•	
ُ ر	AH	Khoury DS, B. Taccardi, Lux RUL, Ershler PR, Rudy Y., "Reconstruction of endocardial potentials and activation sequences from intracavitary probe measurements". Circulation 1995, 91:845-863.						
	AI	Rudy Y, Messinger-Rapport BJ, "The inverse problem in electrocardiography solutions in terms of epicardial potentials,: CRC Crit Rey Biomed Eng., 16:215-268 (1988).						
	_AJ	Rudy Y, Oster HS, "The electrocardiographic inverse problem, "CRC Crit Rev Biomed Eng., 20:25-46-992						
	AK	Messinger-Rapport BJ, Rudy Y, "Computational issues of importance to the inverse recovery of epicardial potentials in a realistic heart-torso geometry," Math Biosci, 97:85-120 (1989) (published erratum in Math Biosci, 99(1):147 (1990 April)).						
3 /	AL	Oster HS, Rudy Y, "The use of temporal information in the regularization of the inverse problem of selectrocardiography," IEEE Trans Biomed Eng., 39:65-75 (1992)						
	АМ	Messinger, Rapport BJ, Rudy Y, "Regularization of the inverse problem in electrocardiography. A model study," Math Biosci, 89:79-118 (1988)						
3	AN	Colli-Franzone P., Guerri L., Taccardi B., Viganotti C., "Finite element approximation of regularized solutions of the inverse potential problem of electrocardiography and applications to experimental data", Calcolo 1985, 22:91-186						
1 /	AO	Colli-Franzone P., Guerri electrocardiography," Math	L., Taccardi B., Biosci, 77:353-	Viganotti C., "Mathematical p -96 (1985)	procedure for	solving the i	nverse problem of	
	AP	Endocardial Solutions Broo	hure, "Advance	d Diagnostic Solutions for Co	unplex Cardia	c Arrhythau	es	
Examine	r:	Eya. L			Date Consi	dered: /9/	2/1	
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APPLICANT'S (S') INFORMATION DISCLOSURE STATEMENT MAR 1 9 2001			Atty. Docket !	Serial	Page 2 o			
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			Filing Date: 1	Grou	Group: 3736			
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	<u> </u>	Document No.	Date	Country	Class	Subcl.	Translation?	
	BE							
	,		<u>.</u>	THER ART	·			
1	BF -	Liu ZW, Jia P., Ershler PR, Reconstruction of Electrogr Electrophysiology, 1997; 8	ams and Isochrone	RL, Khoury, DS, Rudy es From Interacavitary P	Y., "Noncontact robe Potentials".	Endocardial Journal of C	Mapping: ardiovascular	
	BG	Jia P., "Noncontact catheter of Biomedical Engineering,	for electrophysiol January 1998.	ogical cardia mapping",	Case Western R	eserve Univ	ersity, Department	
	ВН	Liu ZW, "Inverse reconstru probe potential measurement 1996.	ction of endocardints", Case Western	al potentials, electrogram n Reserve University, De	ns and activation partment of Bio	sequences f medical Eng	rom intracavitary neering, August	
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Atty. Docket No.: CWR 2 0247 APPLICANT'S(S') INFORMATION JUN 0 5 2001 Applicant(s): Yoram Rudy DISCLOSURE STATEMENT FECHNOLOGY CENTER R3700 Filing Date: March 29, 2000 **U.S. PATENT DOCUMENTS** Class Subcl. Initial* Document No. Date Name Filing Date GE 17 Mar 1978 4,203,451 20 May 1980 Panico 01 Aug 1983 20 Aug 1985 Marangoni 4,535,783 21 Feb 1989 Roi du Maroc, II 09 Apr 1986 AC 4,805,631 12 Feb 1991 Мооге 30 Mar 1989 AD 4,991,580 21 Nov 1989 ΑE 4,991,587 12 Feb 1991 Blakeley et al. 22 Aug 1989 AF 5,020,540 04 Jun 1991 Chamoun 02 Aug 1990 27 Aug 1991 Frank et al. AG 5,042,499 5,086,776 11 Feb 1992-Fowler, Jr. et al. 06 Mar 1990 ΆH 09 May 1991 ΑI 5,161,539 10 Nov 1992 Evans et al. 28 Aug 1992 Savard et al. ΑJ 5,311,873 17 May 1994 21 May 1992 16 Jan 1996 Adam et al. ΑK 5,483,968 27 Dec 1993 GE 5,503,149 02 Apr 1996 Beavin AL AM FOREIGN PATENT DOCUMENTS Subcl. Translation? Class Document No. Date Country AN OTHER ART Rudy Y, Taccardi B, "Noninvasive Imaging and Catheter Imaging of Potentials, Electrograms, and Isochrones on the AO GE Ventricular Surfaces, Journal of Electrocardiology, Vol. 30 Supplement, (1998) pgs. 19-23 Oster HS, Rudy Y, "Regional Regularization of the Electrocardiographic Inverse Problem: A Model Study Using GI AP Spherical Geometry", IEEE Transactions on Biomedical Engineering, Vol. 44, No. 2, February 1997, pgs. 188-199.

Burnes JE, Kaelber DC, Taccardi B, Lux RL, Ershler PH, Rudy Y, "A field-Compatible Method For Interpolating

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

citation if in conformance and not considered. Include copy of this form with next communication to applicant.

Date Considered:

Biopotentials", Annals of Biomedical Engineering, Vol. 26, pp. 37-47, 1998.

/George Evanisko/ (12/24/2006)

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